ml1112paper: Solve by factoring (v6)

1. Solve the equation

$$x^2 + 11x + 24 = 0$$

2. Solve the equation

$$x^2 - 5x - 24 = 0$$

3. Solve the equation

$$6x^2 + 7x - 6 = 5x^2 + 7x - 2$$

4. Solve the equation

$$6x^2 - 1 = 5x^2 - 2x + 2$$

5. Solve the equation
$$3x^2 - 13x - 56 = 0$$

6. Solve the equation
$$7x^2 - 22x - 24 = 0$$

7. Solve the equation
$$13x^2 - 86x + 52 = 2x^2 + 8x + 4$$

8. Solve the equation
$$13x^2 - 91x + 43 = 2x^2 - 9x + 8$$